

**To:** Eugenia Naranjo/R2/USEPA/US@EPA[]  
**From:** "Robert Law"  
**Sent:** Tue 12/18/2012 7:06:22 PM  
**Subject:** Re: FW: NBSA bathy survey -> Tierra's request to consider additional Field Mod  
<mailto:William.Gerken@aecom.com>  
<mailto:Naranjo.Eugenia@epamail.epa.gov>

Eugenia

Need your feedback ASAP...

I have spoken to AECOM who has consulted with Gravity and OSI. Based on the extent of the oil spill, we believe it is prudent to postpone the Newark Bay sampling until after the holidays. Oil is present throughout the Bay and KVK and is sheen is noted in RM 2-3.

There is concern on the part of Gravity that we might blind the filters with oil residue and affect the results of the sampling. I have discussed this with John Connolly and he agrees that there is a possibility that the oil may affect the results as well.

The CPG recommends postponing the Bay locations until after the holidays.

We will complete RM 4.2 today and conduct the blank sampling at the pier today and demob for the holidays

R/  
Rob

>>> <Naranjo.Eugenia@epamail.epa.gov> 12/18/2012 1:55 PM >>>

I am looking for them and will get back to you as soon as I find them.  
Thanks,  
eugenia

-----"Geoffrey Seibel" <GCS@demaximis.com> wrote: -----

To: "Robert Law" <rlaw@demaximis.com>, Eugenia Naranjo/R2/USEPA/US@EPA  
From: "Geoffrey Seibel" <GCS@demaximis.com>  
Date: 12/18/2012 12:12PM  
Cc: "Willard Potter" <otto@demaximis.com>, "Mike Barbara" <mab.consulting@verizon.net>  
Subject: Re: FW: NBSA bathy survey -> Tierra's request to consider additional Field Mod

Hi Eugenia,

Would you check to see if you have Figures B-5 through B-7 referenced in Appendix B of Tierra's draft NBSA PFD? They were not in the pdf version you provided.

Thanks,

Geoff

>>> <Naranjo.Eugenia@epamail.epa.gov> 12/18/2012 7:59 AM >>>

Nice to meet you Geoff. What have you done to deserve this?

Happy holidays to you all,  
eugenia

Eugenia Naranjo  
United States Environmental Protection Agency  
290 Broadway  
New York, NY 10007-1866  
212-637-3467  
Naranjo.Eugenia@epa.gov

-----"Robert Law" <rlaw@demaximis.com> wrote: -----To: Eugenia Naranjo/R2/USEPA/US@EPA  
From: "Robert Law" <rlaw@demaximis.com>  
Date: 12/18/2012 05:42AM  
Cc: "Geoffrey Seibel" <gcs@demaximis.com>, "Willard Potter" <otto@demaximis.com>, "Mike Barbara" <mab.consulting@verizon.net>  
Subject: Re: FW: NBSA bathy survey -> Tierra's request to consider additional Field Mod

Tierra will hate that....

I need to introduce you to Geoff Seibel - he is going to be assuming the role of NBSA RI/FS coordination for the CPG. You will like Geoff - he is much easier to get along with than me...

I hope you, Rafa and the other two boys have a great Christmas and a Happy New Year.....

R/  
Rob

>>> <Naranjo.Eugenia@epamail.epa.gov> 12/17/2012 10:53 PM >>>  
FYI, I asked Tierra to submit the Field Modification, based on the exchange between AECOM-SEA Engineering.

Eugenia Naranjo  
United States Environmental Protection Agency  
290 Broadway  
New York, NY 10007-1866  
212-637-3467  
Naranjo.Eugenia@epa.gov

-----Forwarded by Eugenia Naranjo/R2/USEPA/US on 12/17/2012 09:51PM  
-----

From: Gerken, William [mailto:William.Gerken@aecom.com]  
Sent: Monday, December 17, 2012 8:27 AM

To: Simmons, Doug  
Cc: Jason Magalen  
Subject: RE: NBSA bathy survey -> Tierra's request to  
consider additional Field Mod  
Importance: High

Hi Doug,

Based on Jason's daily logs, I believe it would be suitable to allow them to go to from 45° to 60° off center (90° up to 120° total width) for down looking multibeam work.

Jason,

If you have additional input or concerns please let me know ASAP.

Thanks.

Bill Gerken, P.E.  
Senior Engineer | Project Manager  
Coastal Engineering and Dredging  
D (206)403-4266 M (206)491-6350  
William.Gerken@AECOM.com  
AECOM  
710 Second Avenue, Suite 1000  
Seattle, WA 98104  
T (206)624-9349 F (206)623-3793  
www.aecom.com

From: Simmons, Doug  
Sent: Friday, December 14, 2012 8:26 PM  
To: Gerken, William  
Subject: FW: NBSA bathy survey -> Tierra's request to  
consider additional Field Mod

Bill:

Please let me know what you think.

Does this also identify a potential time for your site visit?

Doug

Doug Simmons  
AECOM Environment  
D 978.905.2401  
C 978.273.4649  
doug.simmons@aecom.com

AECOM  
250 Apollo Drive  
Chelmsford, MA 01824  
T 978.905.2100  
F 978.905.2101  
www.aecom.com

From:Naranjo.Eugenia@epamail.epa.gov[mailto:Naranjo.Eugenia@epamail.epa.gov]

Sent: Friday, December 14, 2012 3:33 PM  
To: Simmons, Doug  
Cc: Willard Potter  
Subject: NBSA bathy survey -> Tierra's request to consider additionalField Mod

Rob,

Please note that although we have directed Tierra/OSI to limit the beam angle to 45degrees, their performance/patch tests have shown their system performance better than the USACE specs and Tierra would like to propose the Field Mod below. I understand Bill Gerken and Jason Magalen have exchanged information regarding the test results. Can you check with AECOM/GBA on the proposed Field Mod below and provide some feedback soon -like today or Monday?

Thanks,

e

BeamAngle

During setup last week we discussed that the beam angle limitation of 90degrees was probably unnecessary since it was not likely the cause of the uncertainty in the 2008 survey data obtained by GBA. If you concur, we would like EPA to consider allowing OSI to open up the beam angle to 120degrees so we can improve our production rate. Of course, all standard calibrations, checks, etc., would need to be satisfied. If you are still willing to consider this, please let us know so we can prepare a Field Modification for this change. It might help if you suggest any language or considerations that you feel are important to facilitate such a change in the protocol.

Eugenia Naranjo  
United States Environmental Protection Agency  
290 Broadway  
New York, NY 10007-1866  
212-637-3467  
Naranjo.Eugenia@epa.gov